

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: xx.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026010**Date Inspected:** 29-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai China**CWI Name:** Mr. Liu Huajie**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Blast shop #1**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance (QA) Inspector Raghavendra Reddy was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. QA observed and/or found the following:

This QA Inspector observed the following work in progress:

BLAST SHOP 1.

Visual Inspection after Blast at OBG Segment 14 East.

This Quality Assurance (QA) Inspector performed random visual inspection of OBG Segment 14 East Internal side, Bottom panel, Longitudinal Diaphragm and Floor beam weld joints & base Metal after grit blasting. Areas that marked for repair were recorded for future repair. Areas requiring additional grinding were marked by QA and repaired by ZPMC personnel. For more information see below mentioned Punch list item.

Item:-1

In between PP128.3 and PP128.7 on Middle area of segment, base metal repair was visibly observed on the bottom plate and bottom Plate I ribs six (06) number, Areas were marked on the location.

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Item:-2

At PP126.5 On Middle area of segment Cross beam side, base metal repair was visibly observed at two (02) locations on the floor beam FB3268A. Areas were marked on the location.

Item:-3

At PP126.5 on Middle area of segment bike path side, base metal repair was visibly observed at one (01) location on the floor beam FB3269A. Areas were marked on the location.

Item:-4

In between PP127 and 128 on Middle area of segment, base metal repair was visibly observed on bottom plate I ribs at four (04) location. Areas were marked on the location.

Item:-5

In between PP127.5 and 128 on center area of segment, base metal repair was visibly observed on vertical stiffener at one (01) location. Areas were marked on the location.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.

Summary of Conversations:

Only general conversation was held between QA and QC concerning this project.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	Tharikoppada,Reddy	Quality Assurance Inspector
Reviewed By:	Miller,Mark	QA Reviewer
